



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/929,979	08/15/2001	Noah J. Ternullo	12078-141	2164
26486	7590	05/14/2007	EXAMINER	
BURNS & LEVINSON, LLP			NGUYEN, TU X	
125 SUMMER STREET				
BOSTON, MA 02110				
			ART UNIT	PAPER NUMBER
			2618	
			MAIL DATE	DELIVERY MODE
			05/14/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

**Supplemental
Notice of Allowability**

Application No.

09/929,979

Examiner

Tu X. Nguyen

Applicant(s)

TERNULLO ET AL.

Art Unit

2618

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 12/18/06.
2. ☒ The allowed claim(s) is/are 1,3,4,7-14,17,21,22 and 24-47.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☒ Certified copies of the priority documents have been received in Application No. 60/225,349.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>2/15/07</u> . |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Kathy Chapman on 2/13/07.

The application has been amended as follows:

In claim 1, line 13, delete the phrase "XML element; and" has been replaced with ---- XML element; ---

In claim 1, line 14, delete the phrase "integrity element;" has been replaced with ----- integrity element; and

wherein said integrity element further includes:

a checksum value, said checksum value representative of said information;

a size value, said size value indicating the size of said information;

a seed value, said seed value being used in computing said checksum value;

and

an operator, said operator being used in conjunction with said size value and said seed value to compute said checksum value. ---

In claim 9, line 9, delete the phrase "XML element; and" has been replaced with ----
XML element; ---

In claim 9, line 10, delete the phrase "integrity element;" has been replaced with ---
integrity element;

wherein said integrity element further includes:

a checksum value, said checksum value representative of said information;

a size value, said size value indicating the size of said information;

a seed value, said seed value being used in computing said checksum value;

and

an operator, said operator being used in conjunction with said size value and
said seed value to compute said checksum value. ---

In claim 25, line 14, delete the phrase "has been determined." has been replaced with --
---- has been determined; and

wherein said integrity element further includes:

a checksum value, said checksum value representative of said information;

a size value, said size value indicating the size of said information;

a seed value, said seed value being used in computing said checksum value;

and

an operator, said operator being used in conjunction with said size value and said seed
value to compute said checksum value. ---

In claim 29, line 5, delete the phrase "signal containing the" has been replaced with ---
signal containing an integrity element and the ----

In claim 29, line 10, delete the phrase "from the transmitter." has been replaced with ----
-- from the transmitter; and

wherein the integrity element further includes:

a checksum value, the checksum value representative of the contextual
information;

a size value, said size value indicating the size of the contextual information;

a seed value, said seed value being used in computing said checksum value;

and

an operator, the operator being used in conjunction with the size value and the
seed value to compute said checksum value. ---

In claim 34, line 9, delete the phrase "the signal, from" has been replaced with ---- the
signal, including an integrity element from ---

In claim 34, line 10, delete the phrase "of the handheld device." has been replaced with
----- of the handheld device;

wherein said integrity element further includes:

a checksum value, said checksum value representative of said information;

a size value, said size value indicating the size of said information;

a seed value, said seed value being used in computing said checksum value;

and

an operator, said operator being used in conjunction with said size value and
said seed value to compute said checksum value. ---

In claim 37, lines 3-4, delete the phrase "being formatted by" has been replaced with ---- including an integrity element and being formatted by ---

In claim 37, line 9, delete the phrase "area." has been replaced with ----- area; and wherein said integrity element further includes:

- a checksum value, said checksum value representative of said information;
- a size value, said size value indicating the size of said information;
- a seed value, said seed value being used in computing said checksum value;

and

- an operator, said operator being used in conjunction with said size value and said seed value to compute said checksum value. ---

In claim 41, line 9, delete the phrase "information;" has been replaced with --- information and an integrity element; ----

In claim 41, line 12, delete the phrase "information." has been replaced with ---- information; and

wherein the integrity element further includes:

- a checksum value, the checksum value representative of the contextually-relevant information;

- a size value, said size value indicating the size of the contextually-relevant information;

- a seed value, said seed value being used in computing said checksum value;

and

an operator, the operator being used in conjunction with the size value and the seed value to compute said checksum value. ---

In claim 44, line 9, delete the phrase "information; and" has been replaced with --- information and an integrity element; and----

In claim 41, line 14, delete the phrase "information." has been replaced with ---- information; and

wherein the integrity element further includes:

a checksum value, the checksum value representative of said formatted contextually-relevant information;

a size value, said size value indicating the size of said formatted contextually-relevant information;

a seed value, said seed value being used in computing said checksum value;
and

an operator, the operator being used in conjunction with the size value and the seed value to compute said checksum value. ---

Claims 2, 5-6, 15-16, 19-20 and 23 have been canceled.

Allowable Subject Matter

Claims 1, 3-4, 7-14, 17, 21-22 and 24-47

The following is an examiner's statement of reasons for allowance:

Art Unit: 2618

Regarding independent claims 1, 9, 25, 29, 34, 37, 41 and 44, the prior arts fail to teach "wherein said integrity element further includes:

a checksum value, said checksum value representative of said information;

a size value, said size value indicating the size of said information;

a seed value, said seed value being used in computing said checksum value;

and

an operator, said operator being used in conjunction with said size value and said seed value to compute said checksum value." as cited in the claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tu Nguyen whose telephone number is 571-272-7883.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban, can be reached at (571) 272-7899. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2618

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



February 15, 2007



EDWARD F. URBAN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600